


FORM PTO-1449	Atty. Docket No.: R11.12-0789	Appl. No.: 10/675,014
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT 	First Named Inventor:	
	Randy J. Longsdorf	
	Filing Date September 30, 2003	Group Art: 2862

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA						
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## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
CK	AP	DE 19905071 A1	8/10/2000	Germany			X
	AQ						
	AR						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CK	AS	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US2004/031678.
	AT	

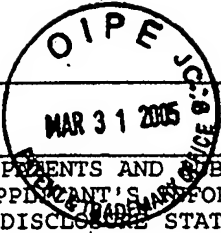
EXAMINER:

*Chris Kary*

DATE CONSIDERED:

5/23/05

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	AA	2002/121910	9/2002	Rome et al.	324	718
CK	AB	5,781,024	7/1998	Blomberg et al.	324	763
CK	AC	5,481,200	1/1996	Voegele et al.	324	718
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CK	AP	DE 19905071 A1	8/10/2000	Germany		X
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CK	AS	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US2004/025291.
	AT	

EXAMINER: *Charles Kwang* DATE CONSIDERED: *5/23/05*

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	AA	2002/0032544	3/2002	Reid et al.	702	183
CK	AB	2002/0148644	10/2002	Schultz et al.	175	39
CK	AC	5,854,993	12/1998	Crichnik	702	54
CK	AD	6,289,735	9/2001	Dister et al.	73	579
CK	AE	6,546,814	4/2003	Choe et al.	73	862.08
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## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
CK	AQ	102 23 725 A1	4/2003	Germany		X
	AR					
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CK	AW	"Invitation to Pay Additional Fees and Annex to Form PCT/ISA/206".
	AX	

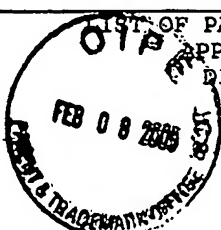
EXAMINER:

*Charlie Kay*

DATE CONSIDERED:

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	AA	4,459,858	07/1984	Marsh	73	861.12
CK	AB	5,869,772	02/1999	Storer	73	861.24
CK	AC	5,705,754	1/1998	Keita et al.	73	861.357
CK	AD	3,948,098	4/1976	Richardson et al.	73	861.24
CK	AE	6,002,952	12/1999	Diab et al.	600	310
CK	AF	6,014,612	1/2000	Larson et al.	702	183
CK	AG	4,463,612	8/1984	Thompson	73	861.22
CK	AH	6,046,642	4/2000	Brayton et al.	330	296
CK	AI	5,570,034	10/1996	Needham et al.	324	763
CK	AJ	5,392,293	02/1995	Hsue	324	765
CK	AK	5,057,774	10/1991	Verhelst et al.	324	537
CK	AL	5,025,344	06/1991	Maly et al.	361	88
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EXAMINER:

*Charles Koser*

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CR	AQ WO 01/01213 A1	1/4/01	WIPO			X
	AR					
	AS					

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

OK	AW	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US2004/017300.
	AX	


EXAMINER:

*Charlie K...*

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	AA	10/893,144	7/2004	Brown et al.		
	AB					
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	AQ					
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER:

*Charles K. Hwang*

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	AA	Re.29,383	09/06/77	Gallatin et al.	137	14
CK	AB	3,096,434	07/02/63	King	235	151
CK	AC	3,404,264	10/01/68	Kugler	235	194
CK	AD	3,468,164	09/23/69	Sutherland	73	343
CK	AE	3,590,370	06/29/71	Fleischer	324	51
CK	AF	3,688,190	08/29/72	Blum	324	61R
CK	AG	3,691,842	09/19/72	Akeley	73	398C
CK	AH	3,701,280	10/31/72	Stroman	73	194
CK	AI	3,973,184	08/03/76	Raber	324	51
CK	AJ	4,058,975	11/22/77	Gilbert et al.	60	39.28
CK	AK	4,099,413	07/11/78	Ohte et al.	73	359
CK	AK	4,102,199	07/25/78	Talpouras	73	362
CK	AL	4,122,719	10/31/78	Carlson et al.	73	342
CK	AM	4,250,490	02/10/81	Dahlke	340	870.37
CK	AN	4,337,516	06/29/82	Murphy et al.	364	551
CK	AO	4,399,824	08/23/83	Davidson	128	736
CK	AP	4,517,468	05/14/85	Kemper et al.	290	52
CK	AQ	4,528,869	07/16/85	Kubo et al.	74	695
CK	AR	4,530,234	07/23/85	Cullick et al.	73	53
CK	AS	4,571,689	02/18/86	Hildebrand et al.	364	481
CK	AT	4,635,214	01/06/87	Kasai et al.	364	551
CK	AU	4,642,782	02/10/87	Kemper et al.	364	550
CK	AV	4,644,479	02/17/87	Kemper et al.	364	550
CK	AW	4,649,515	03/10/87	Thompson et al.	364	900
CK	AX	4,707,796	11/17/87	Calabro et al.	364	552
CK	AY	4,736,367	05/05/88	Wroblewski et al.	370	85

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*Charles Kury*

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	BA	4,777,585	10/11/88	Kokawa et al.	364	164
CK	BB	4,807,151	02/21/89	Citron	364	510
CK	BC	4,831,564	05/16/89	Suga	364	551.01
CK	BD	4,841,286	06/20/89	Kummer	340	653
CK	BE	4,873,655	10/10/89	Kondraske	364	553
CK	BF	4,907,167	03/06/90	Skeirik	364	500
CK	BG	4,924,418	05/08/90	Backman et al.	364	550
CK	BH	4,934,196	06/19/90	Romano	73	861.38
CK	BI	4,939,753	07/03/90	Olson	375	107
CK	BJ	4,964,125	10/16/90	Kim	371	15.1
CK	BK	4,988,990	01/29/91	Warrior	340	25.5
CK	BL	4,992,965	02/12/91	Holter et al.	364	551.01
CK	BM	5,005,142	04/02/91	Lipchak et al.	364	550
CK	BN	5,019,760	05/28/91	Chu et al.	318	490
CK	BO	5,043,862	08/27/91	Takahashi et al.	364	162
CK	BP	5,053,815	10/01/91	Wendell	355	208
CK	BQ	5,067,099	11/19/91	McCown et al.	364	550
CK	BR	5,081,598	01/14/92	Bellows et al.	364	550
CK	BS	5,089,984	02/18/92	Struger et al.	395	650
CK	BT	5,098,197	03/24/92	Shepard et al.	374	120
CK	BU	5,099,436	03/24/92	McCown et al.	364	550
CK	BV	5,103,409	04/07/92	Shimizu et al.	364	556
CK	BW	5,111,531	05/05/92	Grayson et al.	395	23
CK	BX	5,121,467	06/09/92	Skeirik	395	11
CK	BY	5,122,794	06/16/92	Warrior	340	825.2

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*Charles Kagan*

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	CA	5,122,976	06/16/92	Bellows et al.	364	550
CK	CB	5,130,936	07/14/92	Sheppard et al.	364	551.01
CR	CC	5,134,574	07/28/92	Beaverstock et al.	364	551.01
CK	CD	5,137,370	08/11/92	McCulloch et al.	374	173
CK	CE	5,142,612	08/25/92	Skeirik	395	11
CK	CF	5,143,452	09/01/92	Maxedon et al.	374	170
CK	CG	5,148,378	09/15/92	Shibayama et al.	364	551.07
CK	CH	5,167,009	11/24/92	Skeirik	395	27
CK	CI	5,175,678	12/29/92	Frerichs et al.	364	148
CK	CJ	5,193,143	03/09/93	Kaemmerer et al.	395	51
CK	CK	5,197,114	03/23/93	Skeirik	395	22
CK	CL	5,197,328	03/30/93	Fitzgerald	73	168
CK	CM	5,212,765	05/18/93	Skeirik	395	11
CR	CN	5,214,582	05/25/93	Gray	364	424.03
CK	CO	5,224,203	06/29/93	Skeirik	395	22
CK	CP	5,228,780	07/20/93	Shepard et al.	374	175
CK	CQ	5,235,527	08/10/93	Ogawa et al.	364	571.05
CK	CR	5,265,031	11/23/93	Malczewski	364	497
CK	CS	5,265,222	11/23/93	Nishiya et al.	395	3
CK	CT	5,269,311	12/14/93	Kirchner et al.	128	672
CK	CU	5,274,572	12/28/93	O'Neill et al.	364	550
CK	CV	5,282,131	01/25/94	Rudd et al.	364	164
CK	CW	5,282,261	01/25/94	Skeirik	395	22
CK	CX	5,293,585	03/08/94	Morita	395	52
CK	CY	5,303,181	04/12/94	Stockton	365	96

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	DA	5,305,230	04/19/94	Matsumoto et al.	364	495
CK	DB	5,311,421	05/10/94	Nomura et al.	364	157
CK	DC	5,317,520	05/31/94	Castle	364	482
CK	DD	5,327,357	07/05/94	Feinstein et al.	364	502
CK	DE	5,333,240	07/26/94	Matsumoto et al.	395	23
CK	DF	5,347,843	09/20/94	Orr et al.	73	3
CK	DG	5,349,541	09/20/94	Alexandro, Jr. et al.	364	578
CK	DH	5,357,449	10/18/94	Oh	364	551.01
CK	DI	5,361,628	11/08/94	Marko et al.	73	116
CK	DJ	5,365,423	11/15/94	Chand	364	140
CK	DK	5,367,612	11/22/94	Bozich et al.	395	22
CK	DL	5,384,699	01/24/95	Levy et al.	364	413.13
CK	DM	5,386,373	01/31/95	Keeler et al.	364	577
CK	DN	5,394,341	02/28/95	Kepner	364	551.01
CK	DO	5,394,543	02/28/95	Hill et al.	395	575
CK	DP	5,404,064	04/04/95	Mermelstein et al.	310	319
CK	DQ	5,408,406	04/18/95	Mathur et al.	364	163
CK	DR	5,408,586	04/18/95	Skeirik	395	23
CK	DS	5,414,645	05/09/95	Hirano	364	551.01
CK	DT	5,419,197	05/30/95	Ogi et al.	73	659
CK	DU	5,430,642	07/04/95	Nakajima et al.	364	148
CK	DV	5,440,478	08/08/95	Fisher et al.	364	188
CK	DW	5,442,639	08/15/95	Crowder et al.	371	20.1
CK	DX	5,467,355	11/14/95	Umeda et al.	364	571.04
CK	DY	5,469,070	11/21/95	Koluvek	324	713

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CK	EA	5,469,156	11/21/95	Kogura	340	870.38
CK	EB	5,469,735	11/28/95	Watanabe	73	118.1
CK	EC	5,481,199	01/02/96	Anderson et al.	324	705
CK	ED	5,483,387	01/09/96	Bauhahn et al.	359	885
CK	EE	5,485,753	01/23/96	Burns et al.	73	720
CK	EF	5,486,996	01/23/96	Samad et al.	364	152
CK	EG	5,488,697	01/30/96	Kaemmerer et al.	395	51
CK	EH	5,489,831	02/06/96	Harris	318	701
CK	EI	5,495,769	05/03/96	Broden et al.	73	718
CK	EJ	5,510,799	04/23/96	Maltby et al.	340	870.300
CK	EK	5,511,004	04/23/96	Dubost et al.	364	551.01
CK	EK	5,548,528	08/20/96	Keeler et al.	364	497
CK	EL	5,561,599	10/01/96	Lu	364	164
CK	EM	5,570,300	10/29/96	Henry et al.	364	551.01
CK	EN	5,572,420	11/05/96	Lu	364	153
CK	EO	5,573,032	11/12/96	Lenz et al.	137	486
CK	EP	5,598,521	01/28/97	Kilgore et al.	395	326
CK	EQ	5,600,148	02/04/97	Cole et al.	250	495.1
CK	ER	5,623,605	04/22/97	Keshav et al.	395	200.17
CK	ES	5,637,802	06/10/97	Frick et al.	73	724
CK	ET	5,640,491	06/17/97	Bhat et al.	395	22
CK	EU	5,661,668	08/26/97	Yemini et al.	364	550
CK	EV	5,665,899	07/09/97	Willcox	73	1.63
CK	EW	5,669,713	09/23/97	Schwartz et al.	374	1
CK	EX	5,671,335	09/23/97	Davis et al.	395	23
CK	EY	5,675,504	10/07/97	Serodes et al.	364	496

EXAMINER:

*Charlie Kean*

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CK	FA	5,675,724	10/07/97	Beal et al.	395	182.02
CK	FB	5,680,109	10/21/97	Lowe et al.	340	608
CK	FC	5,700,090	12/23/97	Eryurek	374	210
CK	FD	5,703,575	12/30/97	Kirpatrick	340	870.17
CK	FE	5,704,011	12/30/97	Hansen et al.	395	22
CK	FF	5,705,978	01/06/98	Frick et al.	340	511
CK	FG	5,708,585	01/13/98	Kushion	364	431.061
CK	FH	5,710,708	01/20/98	Wiegand	364	470.1
CK	FI	5,713,668	02/03/98	Lunghofer et al.	374	179
CK	FJ	5,719,378	02/17/98	Jackson, Jr. et al.	219	497
CK	FK	5,741,074	04/21/98	Wang et al.	374	185
CK	FK	5,742,845	04/21/98	Wagner	395	831
CK	FL	5,746,511	05/05/98	Eryurek et al.	374	2
CK	FM	5,752,008	05/12/98	Bowling	395	500
CK	FN	5,764,891	06/09/98	Warrior	395	200.2
CK	FO	5,781,878	07/14/98	Mizoguchi et al.	701	109
CK	FP	5,801,689	09/01/98	Huntsman	345	329
CK	FQ	5,805,442	09/08/98	Crater et al.	364	138
CK	FR	5,828,567	10/27/98	Eryurek et al.	700	79
CK	FS	5,829,876	11/03/98	Schwartz et al.	374	1
CK	FT	5,848,383	12/08/98	Yuuns	702	102
CK	FU	5,859,964	01/12/99	Wang et al.	395	185.01
CK	FV	5,876,122	03/02/99	Eryurek	374	183
CK	FW	5,880,376	03/09/99	Sai et al.	73	861.08
CK	FX	5,887,978	03/30/99	Lunghofer et al.	374	179
CK	FY	5,923,557	07/13/99	Eidson	364	471.03

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT.		First Named Inventor:	
		Randy J. Longsdorf	
		Filing Date	Group Art:
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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	GA 5,924,086	07/13/99	Mathur et al.	706	25	
	GB 5,926,778	07/20/99	Pöppel	702	130	
	GC 5,940,290	08/17/99	Dixon	364	138	
	GD 5,956,663	09/21/99	Eryurek et al.	702	183	
	GE 5,970,430	10/19/99	Burns et al.	702	122	
	GF 6,014,902	01/18/00	Lewis et al.	73	861.12	
	GG 6,016,523	01/18/00	Zimmerman et al.	710	63	
	GH 6,016,706	01/25/00	Yamamoto et al.	9	6	
	GI 6,017,143	01/25/00	Eryurek et al.	700	51	
	GJ 6,038,579	03/14/00	Sekine	708	400	
	GK 6,045,260	04/04/00	Schwartz et al.	374	183	
	GL 6,047,220	04/04/00	Eryurek et al.	700	28	
	GM 6,047,222	04/04/00	Burns et al.	700	79	
	GN 6,052,655	04/18/00	Kobayashi et al.	702	184	
	GO 6,119,047	09/12/00	Eryurek et al.	700	28	
	GP 6,119,529	07/19/00	Di Marco et al.	73	861.68	
	GQ 6,151,560	11/21/00	Jones	702	58	
	GR 6,192,281	01/20/01	Brown et al.	700	2	
	GS 6,195,591	01/27/01	Nixon et al.	700	2	
	GT 6,199,018	03/06/01	Quist et al.	702	34	
	GU 6,236,948	05/22/01	Eck et al.	702	45	
	GV 6,263,487	07/17/01	Stripf et al.	717	1	
	GW 6,298,377	10/02/01	Hartikainen et al.	709	223	
	GX 6,311,136	10/30/01	Henry et al.	702	45	
CK	GY 6,327,914	12/11/01	Dutton	73	861.356	

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	TA	3,618,592	Stewart	128	2.05R	
	TB	3,855,858	12/24/74 Cushing	73	194 EM	
	TC	4,668,473	05/26/87 Agarwal	422	62	
	TD	4,720,806	01/19/88 Schippers et al.	364	551	
	TE	4,736,763	04/12/88 Britton et al.	137	10	
	TF	4,818,994	04/1989 Orth et al.	340	501	
	TG	5,089,979	02/18/92 McEachern et al.	364	571.04	
	TH	5,388,465	02/14/95 Okaniwa et al.	73	861.17	
	TI	5,365,787	11/22/94 Hernandez et al.	73	660	
	TJ	5,436,705	07/25/95 Raj	355	246	
	TK	5,526,293	06/11/96 Mozumder et al.	364	578	
	TL	5,539,638	07/23/96 Keeler et al.	364	424.03	
	TM	5,560,246	10/01/96 Bottinger et al.	73	861.15	
	TN	5,591,922	01/07/97 Segeral et al.	73	861.04	
	TO	5,608,650	03/04/97 McClendon et al.	364	510	
	TP	5,633,809	05/27/97 Wissenbach et al.	364	510	
	TQ	5,708,211	01/13/98 Jepson et al.	73	861.04	
	TR	5,710,370	01/20/98 Shanahan et al.	73	1.35	
	TS	5,736,649	04/07/98 Kawasaki et al.	73	861.23	
	TT	5,747,701	05/05/98 Marsh et al.	73	861.23	
	TU	5,817,950	10/06/98 Wiklund et al.	73	861.66	
	TV	5,908,990	06/01/99 Cummings	73	861.22	
	TW	5,936,514	08/10/99 Anderson et al.	340	310.01	
	TX	6,139,180	10/31/00 Usher et al.	374	1	
	TY	6,360,277	03/19/02 Ruckley et al.	09	250	
CK	TZ	6,425,038	07/23/02 Sprecher	710	269	

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	HA	6,370,448	4/2002	Eryurek et al.	700	282
	HB	6,519,546	2/2003	Eryurek et al.	702	130
	HC	09/257,896	02/25/99	Eryurek et al.		
	HD	6,397,114	5/2002	Eryurek et al.	700	51
	HE	6,356,191	3/2002	Kirkpatrick et al.	340	501
	HF	6,601,005	7/2003	Eryurek et al.	702	104
	HG	6,505,517	1/2003	Eryurek et al.	73	861.08
	HH	6,434,504	8/2002	Eryurek et al.	702	130
	HI	6,654,697	11/2003	Eryurek et al.	702	47
	HJ	09/384,876	08/27/99	Eryurek et al.		
	HK	6,556,145	4/2003	Kirkpatrick et al.	340	870.17
	HL	09/409,098	09/30/99	Eryurek et al.		
	HM	6,594,603	7/2003	Eryurek et al.	702	104
	HN	6,539,267	3/2003	Eryurek et al.	700	51
	HO	6,615,149	9/2003	Wehrs	702	76
	HP	6,473,710	10/2002	Eryurek	702	133
	HQ	6,449,574	9/2002	Eryurek et al.	702	99
	HR	6,532,392	3/2003	Eryurek et al.	700	54
	HS	6,611,775	8/2003	Coursolle et al.	702	65
	HT	09/799,824	03/05/01	Rome et al.		
	HU	09/855,179	05/14/01	Eryurek et al.		
	HV	09/852,102	05/09/01	Eryurek et al.		
	HW	09/943,333	08/30/01	Eryurek et al.		
	HX	09/972,078	10/05/01	Eryurek et al.		
CK	HY	10/635,944	08/07/03	Huisenga et al.		

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## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
CK	IA	WO 94/25933	11/10/94	WIPO			X
CK	IB	WO 96/11389	04/18/96	WIPO			X
CK	IC	WO 96/12993	05/02/96	WIPO			X
CK	ID	WO 96/39617	12/12/96	WIPO			X
CK	IE	WO 97/21157	06/12/97	WIPO			X
CK	IF	WO 97/25603	07/17/97	WIPO			X
CK	IG	WO 98/06024	02/12/98	WIPO			X
CK	IH	WO 98/13677	04/1998	WIPO			X
CK	II	WO 98/20469	05/14/98	WIPO			X
CK	IJ	WO 98/39718	09/11/98	WIPO			X
CK	IK	WO 99/19782	04/22/99	WIPO			X
CK	IL	WO 00/55700	09/21/00	WIPO			X
CK	IM	WO 00/70531	11/23/00	WIPO			X
CK	IN	0 122 622 A1	10/24/84	EPO			X
CK	IO	0 413 814 A1	02/27/91	EPO			X
CK	IP	0 487 419 A2	05/27/92	EPO			X
CK	IQ	0 512 794 A2	11/11/92	EPO			X
CK	IR	0 594 227 A1	04/27/94	EPO			X
CK	IS	0 624 847 A1	11/17/94	EPO			X (Abstract)
CK	IT	0 644 470 A2	03/22/95	EPO			X
CK	IU	0 807 804 A2	19/11/97	EPO			X
CK	IV	0 825 506 A2	07/14/97	EPO			X
CK	IW	0 827 096 A2	09/01/97	EPO			X
CK	IX	0 838 768 A2	09/24/97	EPO			X
CK	IY	1 022 626 A2	07/26/00	EPO			X
CK	IZ	1 058 093 A1	05/29/99	EPO			(Abstract Only)

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		Document No.	Date	Country	Class	Sub Class	Translation Yes No
CK	JA	58-129316	08/02/83	Japan			X (Abstract)
CK	JB	59-116811	07/05/84	Japan			X (Abstract)
CK	JC	59-163520	09/14/84	Japan			(Abstract Only)
CK	JD	59-211196	11/29/84	Japan			Title and Clair
CK	JE	59-211896	11/30/84	Japan			X (Abstract)
CK	JF	60-000507	01/05/85	Japan			X (Abstract)
CK	JG	60-76619	05/01/85	Japan			X (Abstract)
CK	JH	60-131495	07/13/85	Japan			X (Abstract)
CK	JI	60-174915	09/09/85	Japan			(Abstract Only)
CK	JK	62-30915	02/09/87	Japan			X (Abstract)
CK	JL	64-72699	03/17/89	Japan			X (Abstract)
CK	JM	64-01914	01/06/89	Japan			X (Abstract)
CK	JN	2-05105	01/10/90	Japan			X (Abstract)
CK	JO	3-229124	10/11/91	Japan			(Abstract Only)
CK	JP	5-122768	05/18/93	Japan			X (Abstract)
CK	JQ	06242192	09/02/94	Japan			X (Abstract)
CK	JR	7-063586	03/10/95	Japan			X (Abstract)
CK	JS	07234988	09/05/95	Japan			X (Abstract)
CK	JT	8-054923	02/27/96	Japan			X (Abstract)
CK	JU	8-102241	04/16/96	Japan			(Abstract Only)
CK	JV	8-136386	05/31/96	Japan			X (Abstract)
CK	JW	8-166309	06/25/96	Japan			X (Abstract)
CK	JX	8-247076	09/24/96	Japan			(Abstract Only)
CK	JY	8-313466	11/29/96	Japan			(Abstract Only)
CK	JZ	2712625	10/31/97	Japan			X

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		Document No.	Date	Country	Class	Sub Class	Translation Yes No
OK	KA	2712701	10/31/97	Japan			X
OK	KB	2753592	03/06/98	Japan			X
OK	KC	07225530	05/1998	Japan			(Abstract Only)
OK	KD	10-232170	09/02/98	Japan			X
OK	KE	11-083575	03/26/99	Japan			(Abstract Only)
OK	KF	DE 32 13 866 A1	10/27/83	Germany			(Abstract Only)
OK	KG	DE 35 40 204 C1	09/25/86	Germany			X (Abstract)
OK	KH	DE 40 08 560 A1	09/20/90	Germany			X (Abstract)
OK	KJ	DE 43 43 747	06/1994	Germany			(Abstract Only)
OK	KK	DE 44 33 593 A1	06/01/95	Germany			X (Abstract)
OK	KL	DE 195 02 499 A1	08/01/96	Germany			X (Abstract)
OK	KM	DE 296 00 609 U1	03/27/97	Germany			X
OK	KN	DE 197 04 694 A1	08/14/97	Germany			(Abstract Only)
OK	KO	DE 19930660-A1	07/02/99	Germany			(Abstract Only)
OK	KP	DE 199 05 071	08/10/00	Germany			(Abstract Only)
OK	KQ	DE 299 17 651 U1	12/14/00	Germany			X
OK	KR	DE 100 36 971 A1	02/28/02	Germany			(Abstract Only)
OK	KS	928,704	06/12/63	United Kingdom			X
OK	KT	1 534 280	11/29/78	United Kingdom			X
OK	KU	1 534 288	11/29/78	United Kingdom			X
OK	KV	2 310 346 A	08/20/97	United Kingdom			X
OK	KW	2 342 453 A	04/12/00	United Kingdom			X
OK	KX	2 347 232 A	08/30/00	United Kingdom			X
OK	KY	2 302 514	09/24/76	France			(Abstract Only)
OK	KZ	2 334 827	07/08/77	France			(Abstract Only)

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CK	LA	"A TCP/IP Tutorial" by, Socolofsky et al., Spider Systems Limited, January 1991 pp. 1-23.
CK	LB	"Approval Standards For Explosionproof Electrical Equipment General Requirements", Factory Mutual Research, Cl. No. 3615, March 1989, pp. 1-34.
CK	LC	"Approval Standard Intrinsically Safe Apparatus and Associated Apparatus For Use In Class I, II, and III, Division 1 Hazardous (Classified) Locations", Factory Mutual Research, Cl. No. 3610, October 1988, pp. 1-70.
CK	KD	"Automation On-line" by, Phillips et al., Plant Services, July 1997, pp. 41-45.
CK	LE	"Climb to New Heights by Controlling your PLCs Over the Internet" by, Phillips et al., Intech, August 1998, pp. 50-51.
CK	LF	"CompProcessor For Piezoresistive Sensors" MCA Technologies Inc. (MCA7707), pp. 1-8.
CK	LG	"Ethernet emerges as viable, inexpensive fieldbus", Paul G. Schreier, Personal Engineering, December 1997, p. 23-29.
CK	LH	"Ethernet Rules Closed-loop System" by, Eidson et al., Intech, June 1998, pp. 39-42.
CK	LI	"Fieldbus Standard for Use in Industrial Control Systems Part 2: Physical Layer Specification and Service Definition", ISA-S50.02-1992, pp. 1-93.
CK	LJ	"Fieldbus Standard for Use in Industrial Control Systems Part 3: Data Link Service Definition", ISA-S50.02-1997, Part 3, August 1997, pp. 1-159.
CK	LK	"Fieldbus Standard For Use in Industrial Control Systems Part 4: Data Link Protocol Specification, ISA-S50.02-1997, Part 4, August 1997, pp. 1-148.
CK	LL	"Fieldbus Support For Process Analysis" by, Blevins et al., Fisher-Rosemount Systems, Inc., 1995, pp. 121-128.
CK	LM	"Fieldbus Technical Overview Understanding FOUNDATION™ fieldbus technology", Fisher-Rosemount, 1998, pp. 1-23.
CK	LN	"Hypertext Transfer Protocol -- HTTP/1.0" by, Berners-Lee et al., MIT/LCS, May 1996, pp. 1-54.
CK	LO	"Intranets, Intranets, and the Internet" by, Pradip Madan, Echelon Corp, Sensors, March 1997, pp. 46-50.
CK	LP	"Internet Technology Adoption into Automation" by, Fondl et al., Automation Business, pp. 1-5.

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CR	MA	"Internet Protocol Darpa Internet Program Protocol Specification" by, Information Sciences Institute, University of Southern California, RFC 791, September 1981, pp. 1-43.
	MB	"Introduction to Emit", emWare, Inc., 1997, pp. 1-22.
	MC	"Introduction to the Internet Protocols" by, Charles L. Hedrick, Computer Science Facilities Group, Rutgers University, October 3, 1988, pp. 1-97.
	MD	"Is There A Future For Ethernet in Industrial Control?", Miclot et al., Plant Engineering, October 1988, pp. 44-46, 48, 50.
	ME	LFM/SIMA Internet Remote Diagnostics Research Project Summary Report, Stanford University, January 23, 1997, pp. 1-6.
	MF	"Managing Devices with the Web" by, Howard et al., Byte, September 1997, pp. 45-64.
	MG	"Modular Microkernel Links GUI And Browser For Embedded Web Devices" by, Tom Williams, pp. 1-2.
	MH	"PC Software Gets Its Edge From Windows, Components, and the Internet", Wayne Labs, I&CS, March 1997, pp. 23-32.
	MI	Proceedings Sensor Expo, Anaheim, California, Produced by Expocon Management Associates, Inc., April 1996, pp. 9-21.
	MJ	Proceedings Sensor Expo, Boston, Massachusetts, Produced by Expocon Management Associates, Inc., May 1997, pp. 1-416.
	MK	"Smart Sensor Network of the Future" by, Jay Warrior, Sensors, March 1997, pp. 40-45.
	ML	"The Embedded Web Site" by, John R. Hines, IEEE Spectrum, September 1996, p. 23.
	MM	"Transmission Control Protocol: Darpa Internet Program Protocol Specification" Information Sciences Institute, September 1981, pp. 1-69.
	MN	"On-Line Statistical Process Control for a Glass Tank Ingredient Scale," by R.A. Weisman, IFAC real Time Programming, 1985, pgs. 29-38.
	MO	"The Performance of Control Charts for Monitoring Process Variation," by C. Lowry et al., COMMUN. STATIS. - SIMULA., 1995, pgs. 409-437.
CR	MP	"A Knowledge-Based Approach for Detection and Diagnosis of Out-Of-Control Events in Manufacturing Processes," by P. Love et al., IEEE, 1989, pgs. 736-741.

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CK	NA	"Advanced Engine Diagnostics Using Universal Process Modeling", by P. O'Sullivan, Presented at the 1996 SAE Conference on Future Transportation Technology, pgs. 1-9.
CK	NB	"Parallel, Fault-Tolerant Control and Diagnostics System for Feedwater Regulation in PWRS, by E. Eryurek et al., <u>Proceedings of the American Power Conference</u> .
CK	NC	"Programmable Hardware Architectures for Sensor Validation", by M.P. Henry et al., <u>Control Eng. Practice</u> , Vol. 4, No. 10., pgs. 1339-1354, (1996).
CK	ND	"Sensor Validation for Power Plants Using Adaptive Backpropagation Neural Network," <u>IEEE Transactions on Nuclear Science</u> , Vol. 37, No. 2, by E. Eryurek et al. April 1990, pgs. 1040-1047.
CK	NE	"Signal Processing, Data Handling and Communications: The Case for Measurement Validation", by M.P. Henry, <u>Department of Engineering Science, Oxford University</u> .
CK	NF	"Smart Temperature Measurement in the '90s", by T. Kerlin et al., <u>C&amp;I</u> , (1990).
CK	NG	"Software-Based Fault-Tolerant Control Design for Improved Power Plant Operation," <u>IEEE/IFAC Joint Symposium on Computer-Aided Control System Design</u> , March 7-9, 1994 pgs. 585-590.
CK	NH	"A Standard Interface for Self-Validating Sensors, by M.P. Henry et al., <u>Report No. QUEL 1884/91</u> , (1991).
CK	NI	"Taking Full Advantage of Smart Transmitter Technology Now," by G. Orrison, <u>Control Engineering</u> , Vol. 42, No. 1, January 1995.
CK	NJ	"Using Artificial Neural Networks to Identify Nuclear Power Plant States," by Israel E. Alguindigue et al., pgs. 1-4.
X CK	NK	"Application of Neural Computing Paradigms for Signal Validation," by B.R. Upadhyaya et al., <u>Department of Nuclear Engineering</u> , pgs. 1-18.
CK	NL	"Application of Neural Networks for Sensor Validation and Plant Monitoring," by B. Upadhyaya et al., <u>Nuclear Technology</u> , Vol. 97, No. 2, Feb. 1992 pgs. 170-176.
CK	NM	"Automated Generation of Nonlinear System Characterization for Sensor Failure Detection," by B.R. Upadhyaya et al., <u>ISA</u> , 1989 pgs. 269-274.
CK	NN	"In Situ Calibration of Nuclear Plant Platinum Resistance Thermometers Using Johnson Noise Methods," <u>EPRI</u> , June 1983.
CK	NO	"Johnson Noise Thermometer for High Radiation and High-Temperature Environments," by L. Oakes et al., <u>Fifth Symposium on Space Nuclear Power Systems</u> , January 1988, pgs. 2-23.
CK	NP	"Development of a Resistance Thermometer For Use Up to 1600°C", by M.J. de Groot et al., <u>CAL LAB</u> , July/August 1996, pgs. 38-41.

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CR	OA	"Survey, Applications, And Prospects of Johnson Noise Thermometry," by T. Blalock et al., <u>Electrical Engineering Department</u> , 1981 pgs. 2-11.
CK	OB	"Noise Thermometry for Industrial and Metrological Applications at KFA Julich," by H. Brixy et al., <u>7th International Symposium on Temperature</u> , 1992.
CR	OC	"Johnson Noise Power Thermometer and its Application in Process Temperature Measurement," by T.V. Blalock et al., <u>American Institute of Physics</u> 1982, pgs. 1249-1259.
CR	OD	"Field-based Architecture is Based on Open Systems, Improves Plant Performance", by P. Cleaveland, <u>I&amp;CS</u> , August 1996, pgs. 73-74.
CK	OE	"Tuned-Circuit Dual-Mode Johnson Noise Thermometers," by R.L. Shepard et al., April 1992.
CK	OF	"Tuned-Circuit Johnson Noise Thermometry," by Michael Roberts et al., <u>7<sup>th</sup> Symposium on Space Nuclear Power Systems</u> , January 1990.
CR	OG	"Smart Field Devices Provide New Process Data, Increase System Flexibility," by Mark Boland, <u>I&amp;CS</u> , November 1994, pgs. 45-51.
CK	OH	"Wavelet Analysis of Vibration, Part I: Theory <sup>1</sup> ," by D.E. Newland, <u>Journal of Vibration and Acoustics</u> , Vol. 116, October 1994, pgs. 409-416.
CK	OI	"Wavelet Analysis of Vibration, Part 2: Wavelet Maps," by D.E. Newland, <u>Journal of Vibration and Acoustics</u> , Vol. 116, October 1994, pgs. 417-425.
CK	OJ	"Development of a Long-Life, High-Reliability Remotely Operated Johnson Noise Thermometer," by R.L. Shepard et al., <u>ISA</u> , 1991, pgs. 77-84.
CK	OK	"Application of Johnson Noise Thermometry to Space Nuclear Reactors," by M.J. Roberts et al., Presented at the 6th Symposium on Space Nuclear Power Systems, January 9-12, 1989.
CK	OL	"A Decade of Progress in High Temperature Johnson Noise Thermometry," by T.V. Blalock et al., <u>American Institute of Physics</u> , 1982 pgs. 1219-1223.
CK	OM	"Sensor and Device Diagnostics for Predictive and Proactive Maintenance", by B. Boynton, A Paper Presented at the Electric Power Research Institute - Fossil Plant Maintenance Conference in Baltimore, Maryland, July 29-August 1, 1996, pgs. 50-1 - 50-6.
CK	ON	"Detection of Hot Spots in Thin Metal Films Using an Ultra Sensitive Dual Channel Noise Measurement System," by G.H. Massiha et al., <u>Energy and Information Technologies in the Southeast</u> , Vol. 3 of 3, April 1989, pgs. 1310-1314.
CK	OO	"Detecting Blockage in Process Connections of Differential Pressure Transmitters", by E. Taya et al., <u>SICE</u> , 1995, pgs. 1605-1608.

EXAMINER:

*Chuti Kray*

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: R11.12-0789	Appl. No.: 10/675,014
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Randy J. Longsdorf	
	Filing Date	Group Art:
	September 30, 2003	2862

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CK	PA	"Development and Application of Neural Network Algorithms For Process Diagnostics," by B.R. Upadhyaya et al., <u>Proceedings of the 29th Conference on Decision and Control</u> , 1990, pgs. 3277-3282.
CR	PB	"A Fault-Tolerant Interface for Self-Validating Sensors", by M.P. Henry, <u>Colloquium</u> , pgs. 3/1-3/2 (November 1990).
CK	PC	"Fuzzy Logic and Artificial Neural Networks for Nuclear Power Plant Applications," by R.C. Berkan et al., <u>Proceedings of the American Power Conference</u> .
CK	PD	"Fuzzy Logic and Neural Network Applications to Fault Diagnosis", by P. Frank et al., <u>International Journal of Approximate Reasoning</u> , (1997), pgs. 68-88.
CK	PE	"Keynote Paper: Hardware Compilation-A New Technique for Rapid Prototyping of Digital Systems-Applied to Sensor Validation", by M.P. Henry, <u>Control Eng. Practice</u> , Vol. 3, No. 7., pgs. 907-924, (1995).
CK	PF	"The Implications of Digital Communications on Sensor Validation", by M. Henry et al., <u>Report No. QUEL 1912/92</u> , (1992).
CR	PG	"In-Situ Response Time Testing of Thermocouples", <u>ISA</u> , by H.M. Hashemian et al., Paper No. 89-0056, pgs. 587-593, (1989).
CK	PH	"An Integrated Architecture For Signal Validation in Power Plants," by B.R. Upadhyaya et al., <u>Third IEEE International Symposium on Intelligent Control</u> , August 24-26, 1988, pgs. 1-6.
CK	PI	"Integration of Multiple Signal Validation Modules for Sensor Monitoring," by B. Upadhyaya et al., <u>Department of Nuclear Engineering</u> , July 8, 1990, pgs. 1-6.
CK	PJ	"Intelligent Behaviour for Self-Validating Sensors", by M.P. Henry, <u>Advances In Measurement</u> , pgs. 1-7, (May 1990).
CK	PK	"Measurement of the Temperature Fluctuation in a Resistor Generating 1/F Fluctuation," by S. Hashiguchi, <u>Japanese Journal of Applied Physics</u> , Vol. 22, No. 5, Part 2, May 1983, pgs. L284-L286.
CK	PL	"Check of Semiconductor Thermal Resistance Elements by the Method of Noise Thermometry", by A. B. Kisilevskii et al., <u>Measurement Techniques</u> , Vol. 25, No. 3, March 1982, New York, USA, pgs. 244-246.
CK	PM	"Neural Networks for Sensor Validation and Plant Monitoring," by B. Upadhyaya, <u>International Fast Reactor Safety Meeting</u> , August 12-16, 1990, pgs. 2-10.
CK	PN	"Neural Networks for Sensor Validation and Plantwide Monitoring," by E. Eryurek, 1992.
CK	PO	"A New Method of Johnson Noise Thermometry", by C.J. Borkowski et al., <u>Rev. Sci. Instrum.</u> , Vol. 45, No. 2, (February 1974) pgs. 151-162.

EXAMINER:

*Charlie Kram*

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	Randy J. Longsdorf	
	Filing Date	Group Art:
	September 30, 2003	2862

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CK	QA	"Thermocouple Continuity Checker," IBM Technical Disclosure Bulletin, Vol. 20, No. 5, pages 1954 (October 1977).
CK	QB	"A Self-Validating Thermocouple," Janice C-Y et al., IEEE Transactions on Control Systems Technology, Vol. 5, No. 2, pp. 239-53 (March 1997).
CK	QC	<u>Instrument Engineers' Handbook</u> , Chapter IV entitled "Temperature Measurements," by T.J. Claggett, pp. 266-333 (1982).
CK	QD	"emWare's Releases EMIT 3.0, Allowing Manufacturers to Internet and Network Enable Devices Royalty Free," 3 pages, PR Newswire (November 4, 1998).
CK	QE	Warrior, J., "The IEEE P1451.1 Object Model Network Independent Interfaces for Sensors and Actuators," pp. 1-14, Rosemount Inc. (1997).
CK	QF	Warrior, J., "The Collision Between the Web and Plant Floor Automation," 6 <sup>th</sup> . WWW Conference Workshop on Embedded Web Technology, Santa Clara, CA (April 7, 1997).
CK	QG	Microsoft Press Computer Dictionary, 3 <sup>rd</sup> Edition, page 124.
CK	QH	"Internal Statistical Quality Control for Quality Monitoring Instruments", by P. Girling et al., <u>ISA</u> , 15 pgs., 1999.
CK	QI	Web Pages from <u>www.triant.com</u> (3 pgs.).
CK	QJ	"Statistical Process Control (Practice Guide Series Book)", <u>Instrument Society of America</u> , 1995, pgs. 1-58 and 169-204.
CK	QK	"Time-Frequency Analysis of Transient Pressure Signals for a Mechanical Heart Valve Cavitation Study," <u>ASAI0 Journal</u> , by Alex A. Yu et al., Vol. 44, No. 5, pgs. M475-M479, (September - October 1998).
CK	QL	"Transient Pressure Signals in Mechanical Heart Valve Cavitation," by Z.J. Wu et al., pgs. M555-M561 (undated).
CK	QM	"Cavitation in Pumps, Pipes and Valves," <u>Process Engineering</u> , by Dr. Ronald Young, pgs. 47 and 49 (January 1990).
CK	QN	"Quantification of Heart Valve Cavitation Based on High Fidelity Pressure Measurements," <u>Advances in Bioengineering 1994</u> , by Laura A. Garrison et al., BED-Vol. 28, pgs. 297-298 (November 6-11, 1994).
CK	QO	"Monitoring and Diagnosis of Cavitation in Pumps and Valves Using the Wigner Distribution," <u>Hydroacoustic Facilities, Instrumentation, and Experimental Techniques</u> , NCA-Vol. 10, pgs. 31-36 (1991).
CK	QP	"Developing Predictive Models for Cavitation Erosion," <u>Codes and Standards in A Global Environment</u> , PVP-Vol. 259, pgs. 189-192 (1993).

EXAMINER:

*Charles Kray*

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	September 30, 2003	2862

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CK	RA	"Self-Diagnosing Intelligent Motors: A Key Enabler for Next Generation Manufacturing System," by Fred M. Discenzo et al., pgs. 3/1-3/4 (1999).
CK	RB	"A Microcomputer-Based Instrument for Applications in Platinum Resistance Thermometry," by H. Rosemary Taylor and Hector A. Navarro, Journal of Physics E. Scientific Instrument, Vol. 16, No. 11, pp. 1100-1104 (1983).
CK	RC	"Experience in Using Estelle for the Specification and Verification of a Fieldbus Protocol: FIP," by Barretto et al., Computer Networking, pp. 295-304 (1990).
CK	RD	"Computer Simulation of H1 Field Bus Transmission," by Utsumi et al., Advances in Instrumentation and Control, Vol. 46, Part 2, pp. 1815-1827 (1991).
CK	RE	"Progress in Fieldbus Developments for Measuring and Control Application," by A. Schwaier, Sensor and Actuators, pp. 115-119 (1991).
CK	RF	"Ein Emulationssystem zur Leistungsanalyse von Feldbussystemen, Teil 1," by R. Hoyer, pp. 335-336 (1991).
CK	RG	"Simulatore Integrato: Controllo su bus di campo," by Barabino et al., Automazione e Strumentazione, pp. 85-91 (October 1993).
CK	RH	"Ein Modulares, verteiltes Diagnose-Expertensystem für die Fehlerdiagnose in lokalen Netzen," by Jürgen M. Schröder, pp. 557-565 (1990).
CK	RI	"Fault Diagnosis of Fieldbus Systems," by Jürgen Quade, pp. 577-581 (10/92).
CK	RJ	"Ziele und Anwendungen von Feldbussystemen," by T. Pfeifer et al., pp. 549-557 (10/87).
CK	RK	"PROFIBUS Infrastructure Measures," by Tilo Pfeifer et al., pp. 416-419 (8/91).
CK	RL	"Simulation the Time Behaviour of Fieldbus Systems," by O. Schnelle, pp. 440-442 (1991).
CK	RM	"Modélisation et simulation d'un bus de terrain: FIP," by Song et al, pp. 5-9 (undated).
CK	RN	"Field Bus Networks for Automation Systems Containing Intelligent Functional Unites," by W. Kriesel et al., pp. 486-489 (1987).
CK	RO	"Field Buses for Process Interconnection with Digital Control Systems," Tecnología, pp. 141-147 (1990).
CK	RP	"Decentralised Systems with Real-Time Field Bus," Netzwerke, Jg. Nr.3 v. 14.3, 4 pages (1990).

EXAMINER:

*Christi Meyer*

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	Filing Date	Group Art:
	September 30, 2003	2862

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CK	SA	"Process Measurement and Analysis," by Liptak et al., Instrument Engineers' Handbook, Third Edition, pp. 528-530, (1995).
CK	SB	"Improving Dynamic Performance of Temperature Sensors With Fuzzy Control Techniques," by Wang Lei et al., pp. 872-873 (1992).
CK	SC	"Microsoft Press Computer Dictionary" 2nd Edition, 1994, Microsoft Press. p. 156
CK	SD	Copy of International Search Report from Application Number PCT/US01/40791 with international filing date of May 22, 2001.
CK	SE	Copy of International Search Report from Application Number PCT/US01/40782 with international filing date of May 22, 2001.
CK	SF	Copy of International Search Report from Application Number PCT/02/14560 with international filing date of May 8, 2002.
CK	ZG	Copy of International Search Report from Application Number PCT/US02/14934 with international filing date of May 8, 2002.
CK	SH	"On-Line Tool Condition Monitoring System With Wavelet Fuzzy Neural Network," by Li Xiaoli et al., pp. 271-276 (1997).
CK	SI	"Optimal Design of the Coils of An Electromagnetic Flow Meter," by Michalski, A. et al., IEEE Transactions on Magnetics, Vol. 34, Issue 5, Part 1, pp. 2563-2566 (1998).
CK	SJ	"Magnetic Fluid Flow Meter for Gases," Popa, N.C., IEEE Transactions on Magnetics, Vol. 30, Issue 2, Part 1-2, pp. 936-938 (1993).
CK	SK	"New Approach to A Main Error Estimation for Primary Transducer of Electromagnetic Flow Meter," by Michalski, A., IEEE Instrumentation and Measurement Technology Conference Proceedings, Vol. 2, pp. 1093-1097 (1998).
CK	SL	"Additional Information From Flowmeters Via Signal Analysis," by Amadi-Echendu, J.E. et al., IEEE Instrumentation and Measurement Technology Conference Record, Vol. 7, pp. 187-193 (1990).
CK	SM	Copy of International Search Report from Application Number PCT/US02/06606 with international filing date of March 5, 2002.
CK	SN	Copy of International Search Report from Application Number PCT/US02/30465 with international filing date of September 25, 2002.
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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	TA	4,630,265	12/15/86	Sexton	370	85
CK	TB	5,434,774	07/18/95	Seberger	364	172
CK	TC	5,555,190	09/10/96	Derby et al.	364	510
CK	TD	6,023,399	02/08/00	Kogure	361	23
CK	TE	6,209,048	03/27/01	Wolff	710	62
CK	TF	6,272,438	08/07/01	Cunningham et al.	702	56
CK	TG	6,370,448	04/09/02	Eryurek	700	282
CK	TH	6,377,859	04/23/02	Brown et al.	700	79
CK	TI	6,473,656	10/29/02	Langels et al.	700	17
CK	TJ	6,317,701	11/13/01	Pyostsia et al.	702	188
CK	TK	6,307,483	10/23/01	Westfield et al.	340	870.11
CK	TL	6,061,603	05/09/00	Papadopoulos et al.	700	83
CK	TM	2002/0013629	01/31/02	Nixon et al.		

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
CK	TN	WO 00/41050	07/13/00	WIPO			X
CK	TO	WO 01/77766	10/18/01	WIPO			X
CK	TP	WO 02/27418	04/04/02	WIPO			X

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	TQ	
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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CK	UA 5,216,226	06/01/93	Miyoshi	219	497	
	UB 5,481,200	01/02/96	Voegele et al.	324	718	
	UC 5,629,870	05/13/97	Farag et al.	364	551.01	
	UD 5,654,869	08/05/97	Ohi et al.	361	540	
	UE 6,405,099	6/11/02	Nagai et al.	700	159	
	UF 2002/0145568	10/10/02	Winter	343	701	
	UG 4,926,364	5/15/90	Brotherton	364	581	
	UH 5,340,271	8/23/94	Freeman et al.	415	1	
	UI 5,410,495	4/25/95	Ramamurthi	364	511.05	
	UJ 5,764,539	6/9/98	Rani	364	557	
	UK 5,790,413	8/4/98	Bartusiak et al.	364	485	
	UL 6,480,793	11/12/02	Martin	702	45	
	UM 2003/0045962	3/6/03	Eryurek et al.	700	128	
	UN 2003/0033040	2/13/03	Billings	700	97	
	UO 4,540,468	9/10/85	Genco et al.	162	49	
	UP 5,150,289	9/22/92	Badavas	364	154	
	UQ 5,672,247	9/30/97	Pangalos et al.	162	65	
CK	UR 4,758,308	7/19/88	Carr	162	263	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
CK	US	06-248224	10/14/94	Japan			X
CK	UT	999950	11/16/76	Canada			X
CK	UU	WO 98/14855	04/09/98	WIPO			X

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CK	UV	"What is a weighted moving average?", DAU STAT REFRESHER, <a href="http://cne.gmu.edu/modules/dau/stat/mvavgs/wma_bdy.html">http://cne.gmu.edu/modules/dau/stat/mvavgs/wma_bdy.html</a> . (1995).
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CK	WA	4,686,638	8/11/87	Furuse	364	558
CK	WB	6,182,501	2/6/01	Furuse et al.	73	49.2
CK	WC	5,825,664	10/1998	Warrior et al.	700	7
CK	WD	6,026,352	02/15/00	Burns et al.	702	182
CK	WE	6,094,600	07/25/00	Sharpe, Jr. et al.	700	19
CK	WF	10/744,809	12/2003	Brown et al.		
CK	WG	2002/0095986	7/2002	Ito et al.	73	1668
CK	WH	6,289,735	9/2001	Dister et al.	73	579
CK	WI	6,591,226	7/2003	Hartmann et al.	702	183
	WJ					
	WK					
	WL					
	WM					
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	WO					
	WP					
	WQ					

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
CK	WR	WO 01/01213	1/2001	WIPO			X
	WS						
	WT						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CK	WU	"Electrical/Electronics", SENSORS & TRANSDUCERS, November 2003, pg. 23.
CK	WV	Web Pages from IMI-Sensors.com, 5 pgs.

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